

# Missouri Water Resources Center

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Mississippi River Flood Conditions Report

June 6, 2019

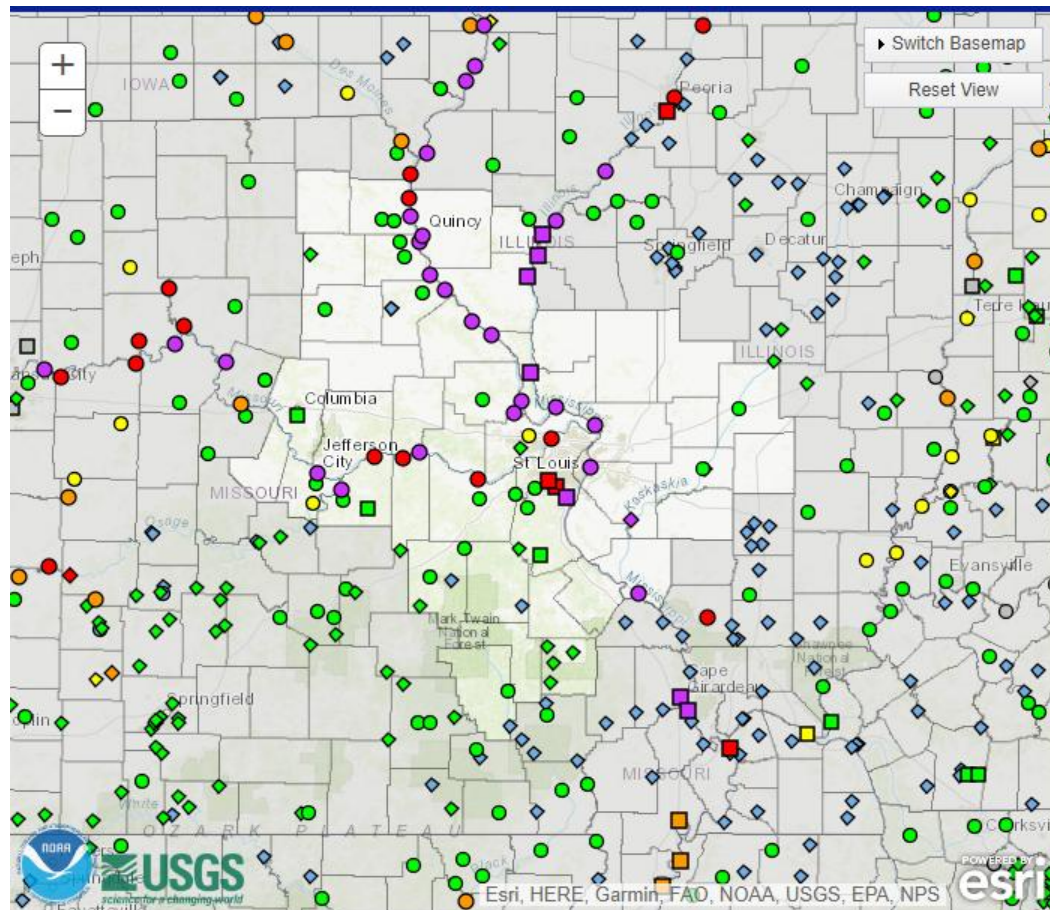
# Mississippi River Flooding Status

- Scattered thunderstorms are expected for the region for the next several days, heavy localized rains have fallen near Kansas City and central Missouri. Greater precipitation has been forecast over the weekend and into next week for the southern portion of the state with accumulations up to 4 inches.
- Recent precipitation has led to a return to major flood levels on the Mississippi River. Most locations above the confluence of the Illinois River (above St. Louis) are cresting. All locations are forecast to have an extended crest the rest of this week and into next week. The river is in minor flood stage in locations below the Ohio River where decreased input from the Ohio is supporting lower river levels.
- Note: The Ohio River Basin is predicted to receive up to four to five inches of rain over the next seven days. The Ohio has been relatively low the last two weeks and this has kept river levels low immediately below the confluence of the Ohio and Mississippi rivers (below Cairo Illinois). This anticipated precipitation will warrant monitoring over the next week for its effect on Mississippi River levels near New Madrid Missouri. Currently, the Ohio River gage at Cairo (at the confluence of the Ohio and Mississippi rivers) is in moderate flood stage and is predicted to crest in the next few days.
- Due to the sustained exposure to high water, infrastructure such as levee systems are starting to become stressed, with several major failures occurring. Sandbagging efforts are underway at multiple locations. Some evacuations are occurring as levee systems fail.
- Note: National Weather Service river forecasting is currently only incorporating 24-hour precipitation forecasts. Future precipitation could increase river levels from the forecasts shown below.



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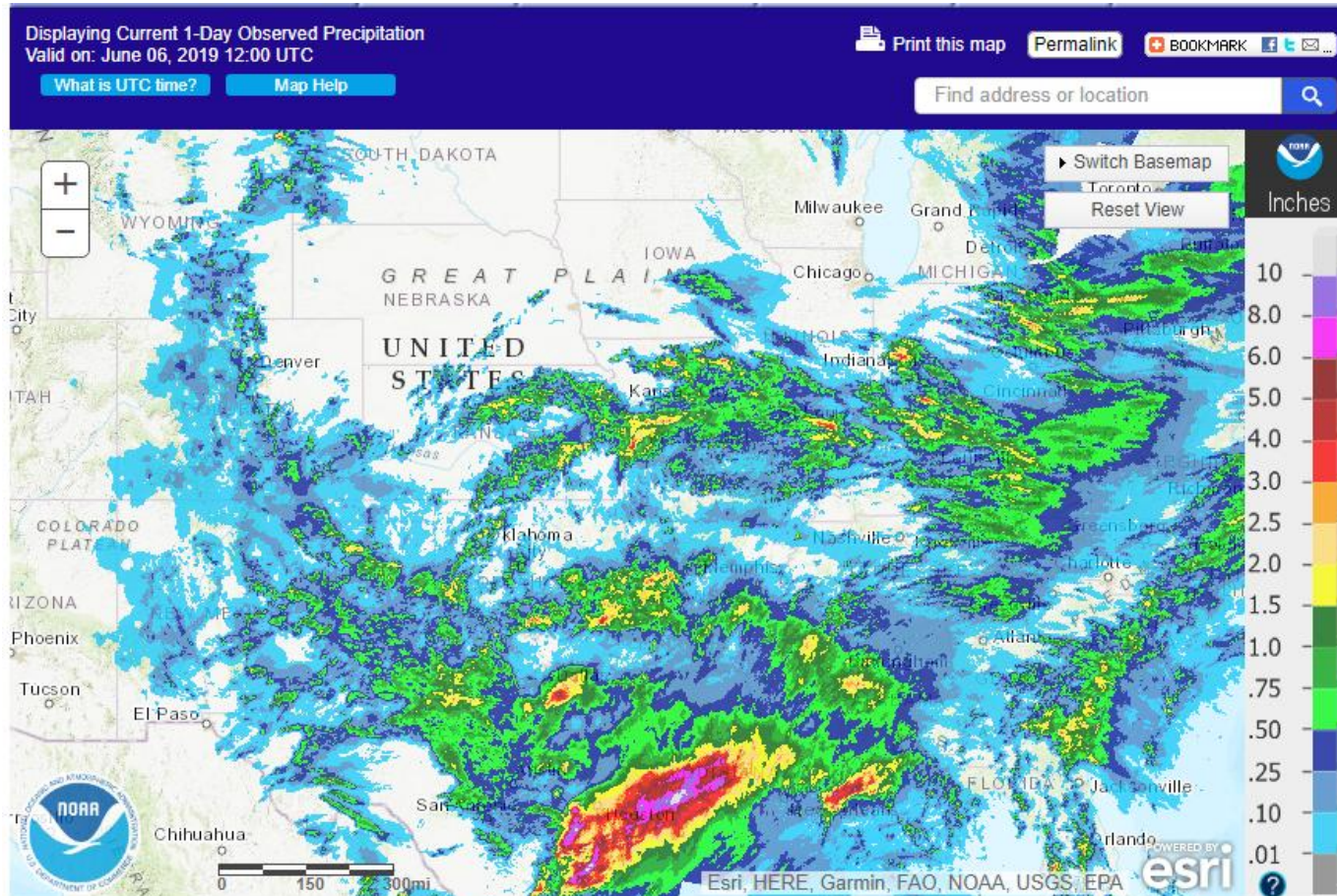
# Current River Conditions



	Forecast available
	Probability and forecasts available
	Observations only available
	Major Flooding
	Moderate Flooding
	Minor Flooding
	Near Flood Stage
	No Flooding
	Observations Are Not Current
	Out of Service
	Flood Category Not Defined
	At or Below Low Water Threshold



# 24-hour Observed Precipitation

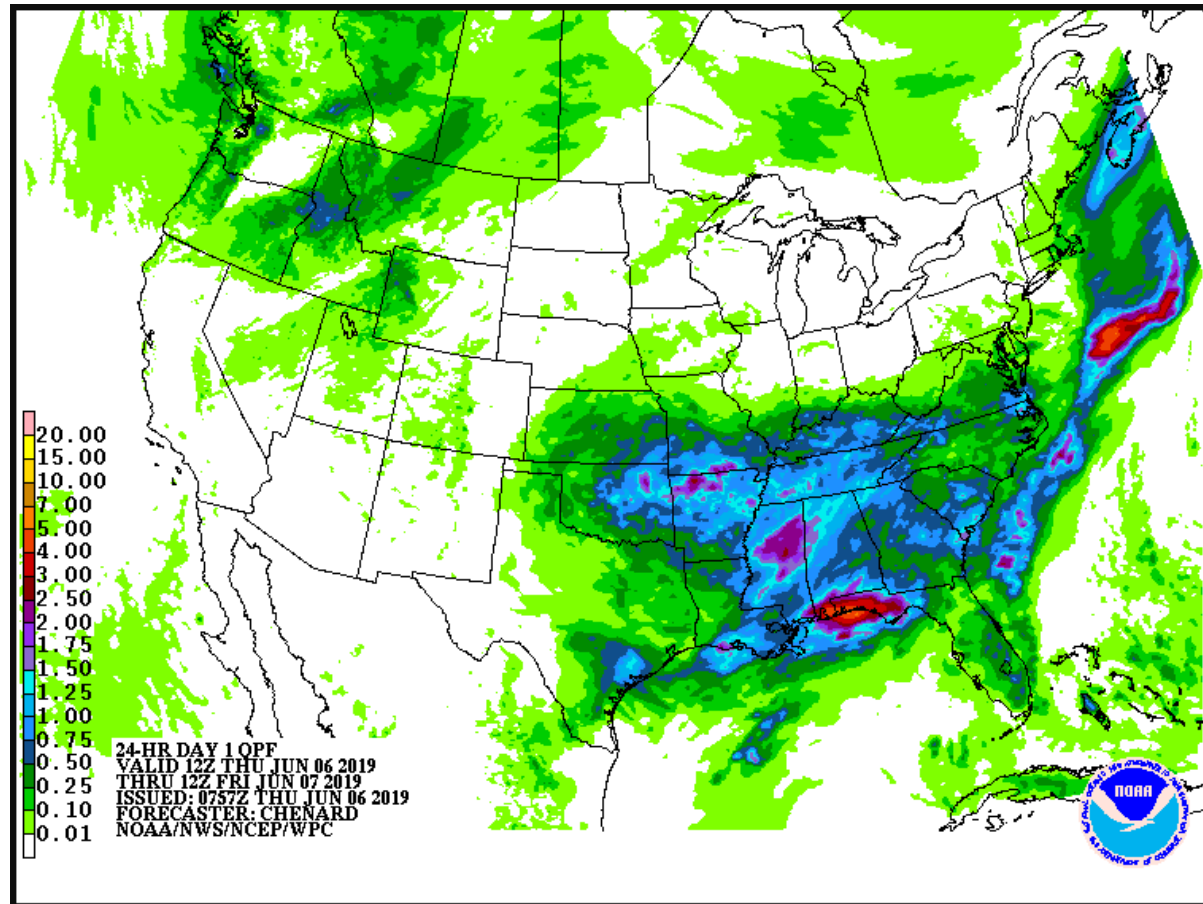






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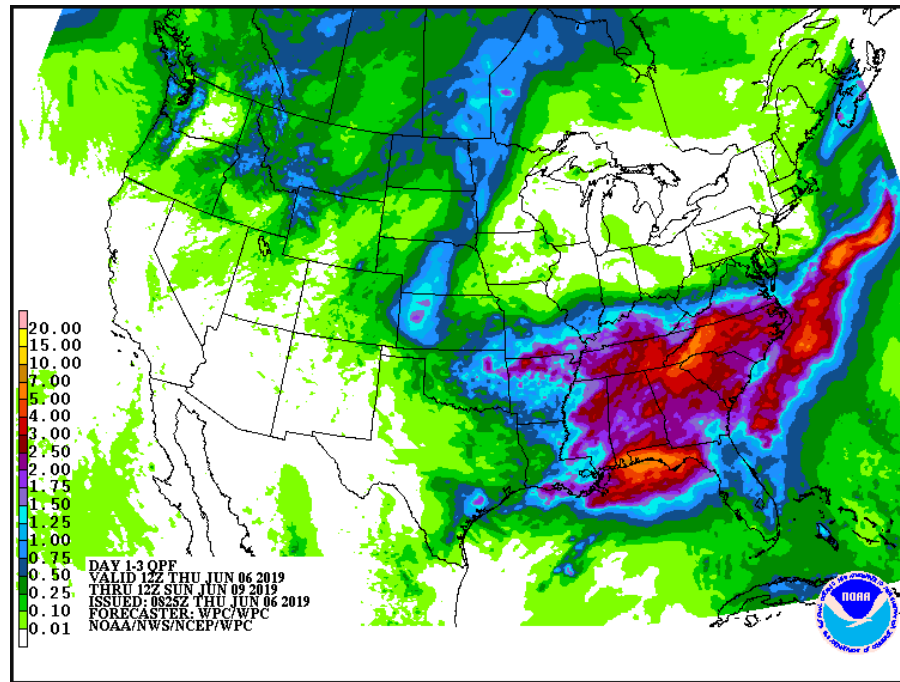
# One-day Total Quantitative Precipitation Forecast (QPF)





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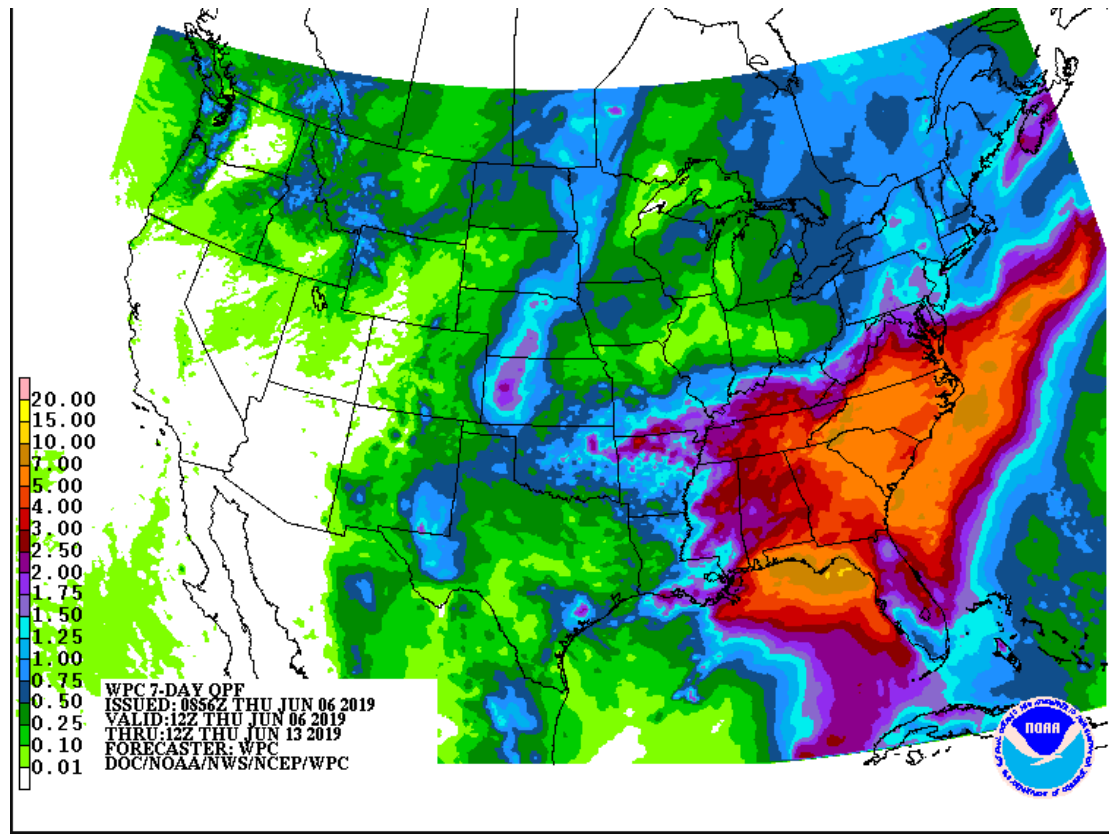
# Three-day Total Quantitative Precipitation Forecast (QPF)





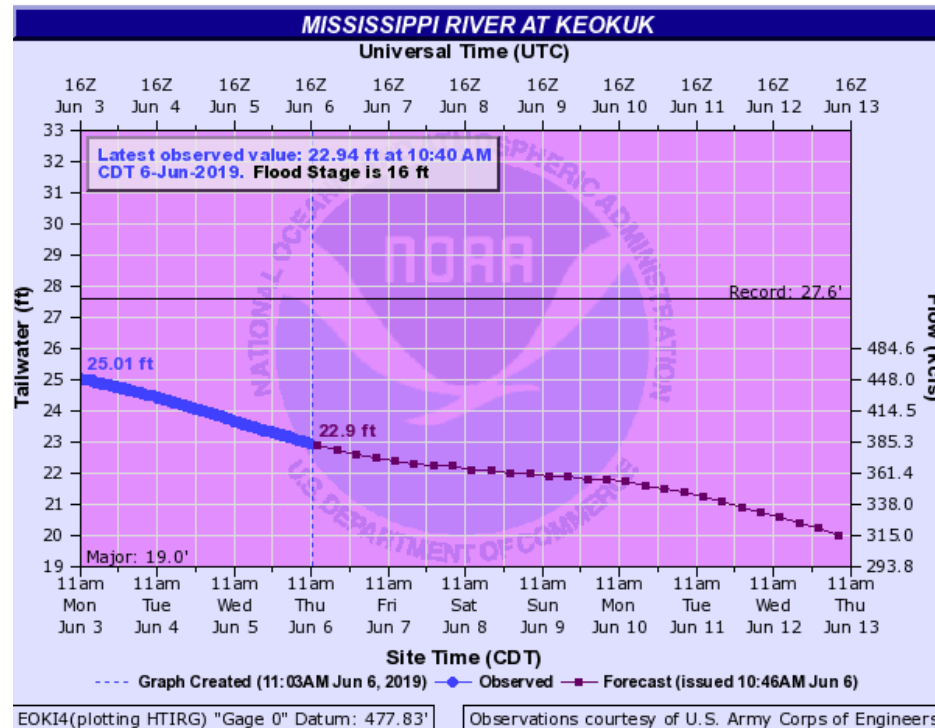
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# Seven-day Total Quantitative Precipitation Forecast (QPF)





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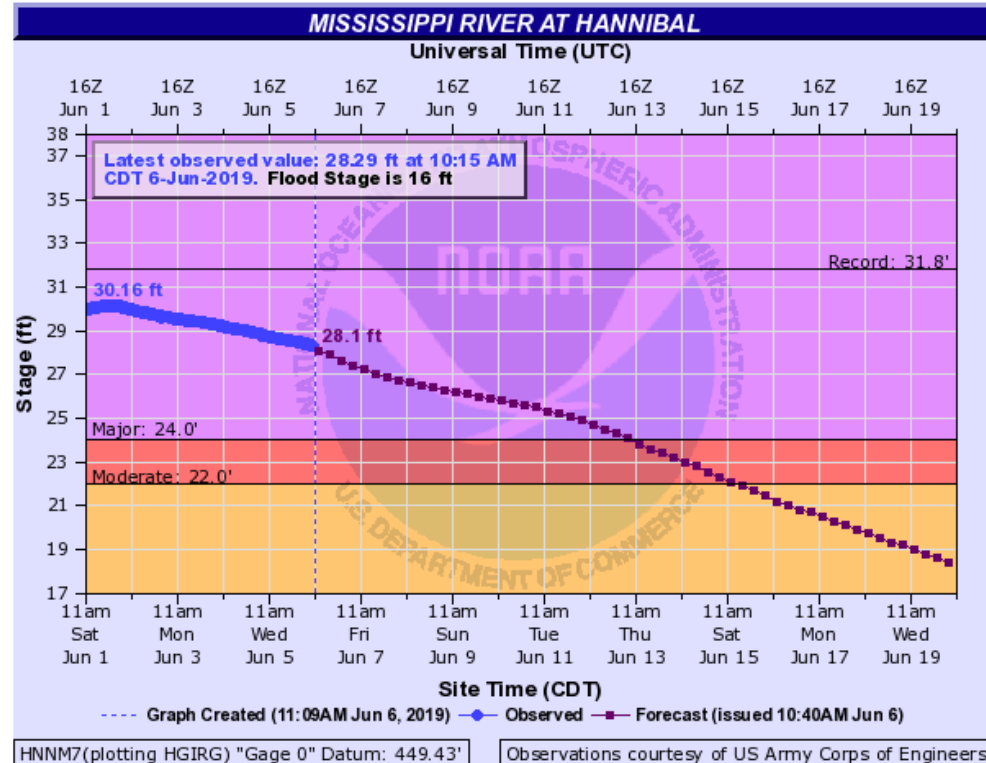


- The Mississippi River at Keokuk is in major flood stage at 22.9 feet and is receding.
- Moderate flood stage at Keokuk occurs at 17.5 feet, and major flood stage occurs at 19.0 feet.
- [Flood impacts at Keokuk](#)





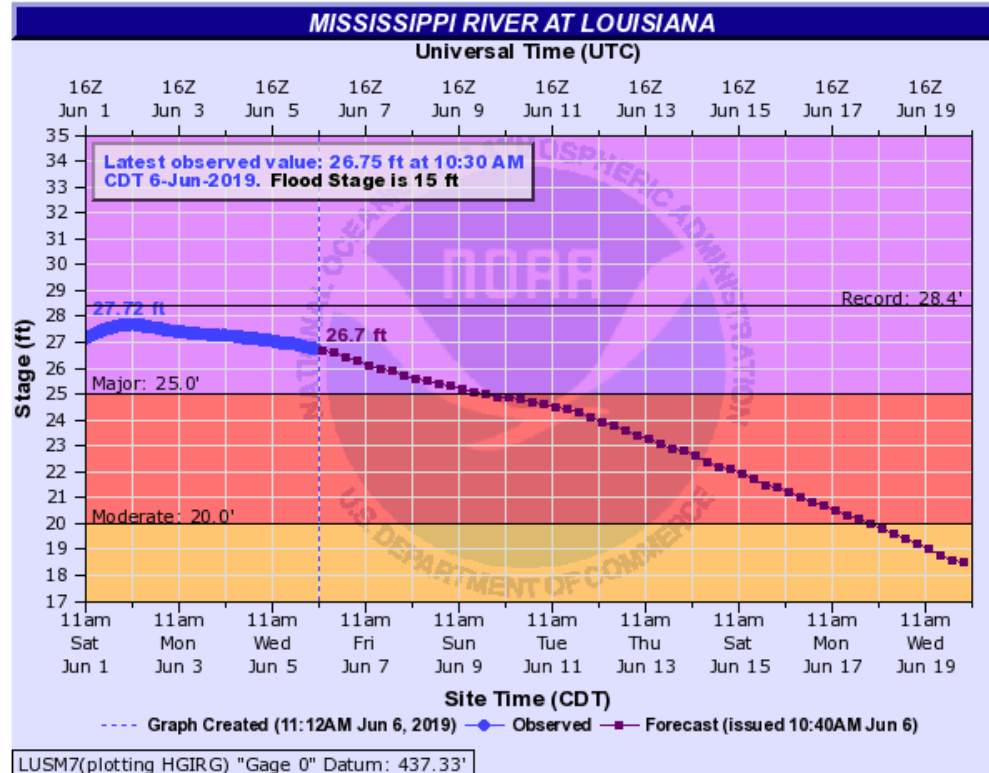
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- The Mississippi River at Hannibal has crested in major flood stage at 30 feet and is receding.
- Moderate flood stage at Hannibal occurs at 22.0 feet, and major flood stage occurs at 24.0 feet.
- [Flood impacts at Hannibal](#)



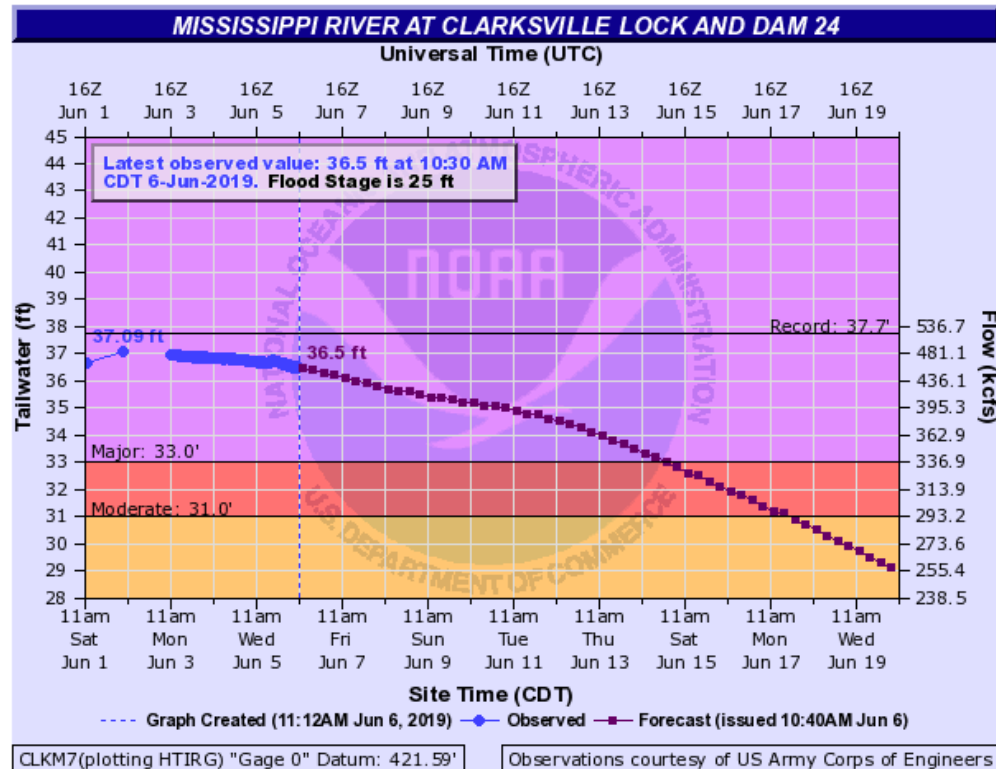
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- The Mississippi River at Louisiana has crested at 27.72 feet in major flood stage and is receding.
- Moderate flood stage at Louisiana occurs at 20.0 feet, and major flood stage occurs at 25.0 feet.
- [Flood impacts at Louisiana](#)



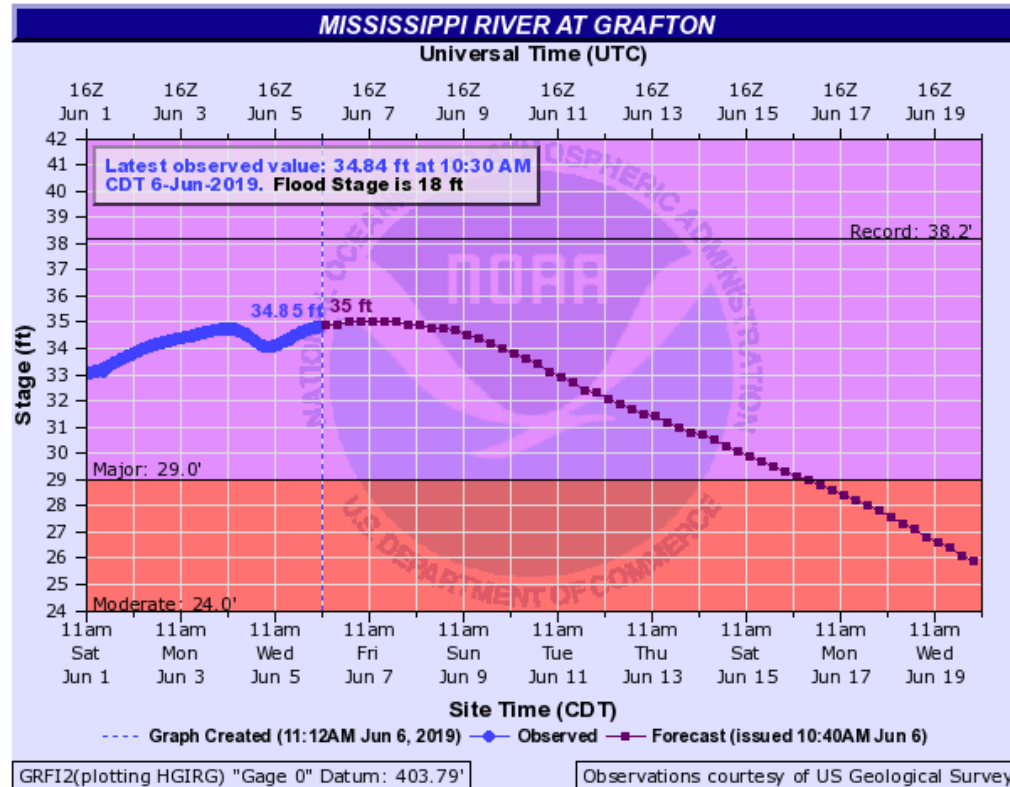
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- The Mississippi River at Clarksville Lock and Dam 25 is slowly cresting in major flood stage at 37 feet.
- Moderate flood stage at Clarksville occurs at 31.0 feet, and major flood stage occurs at 33.0 feet.
- [Flood impacts at Clarksville](#)



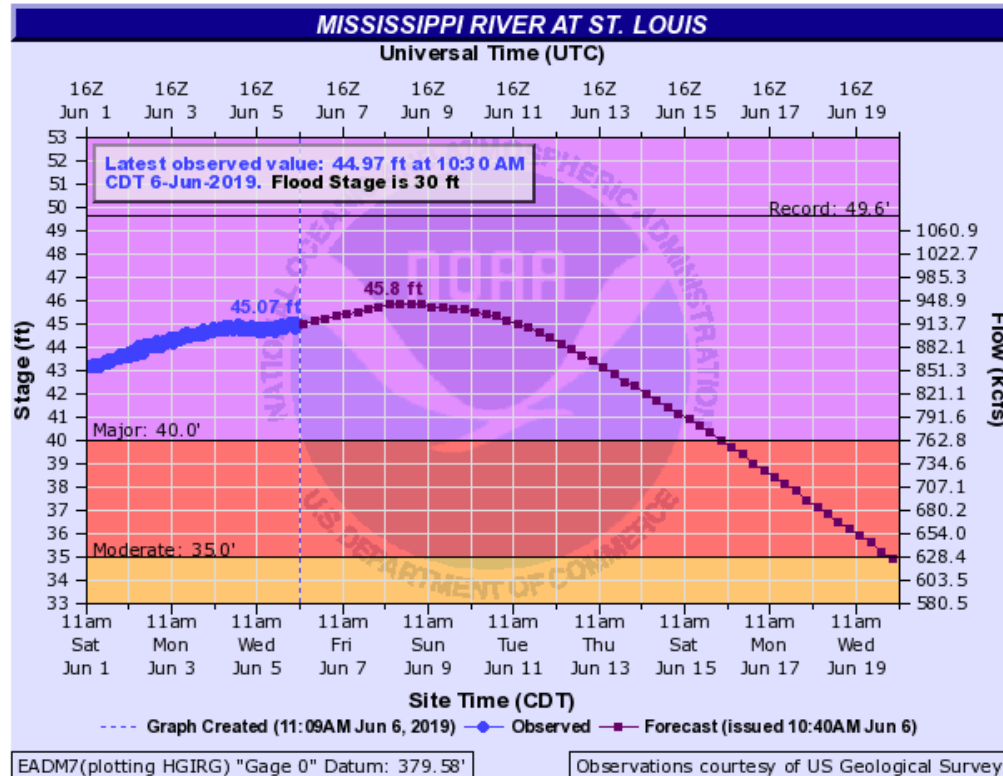
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- The Mississippi River at Grafton is in major flood stage at 34.85 feet, and is forecast to crest in major flood stage at 35 feet over the next three days.
- Major flood stage at Grafton occurs at 29.0 feet.
- [Flood impacts at Grafton](#)



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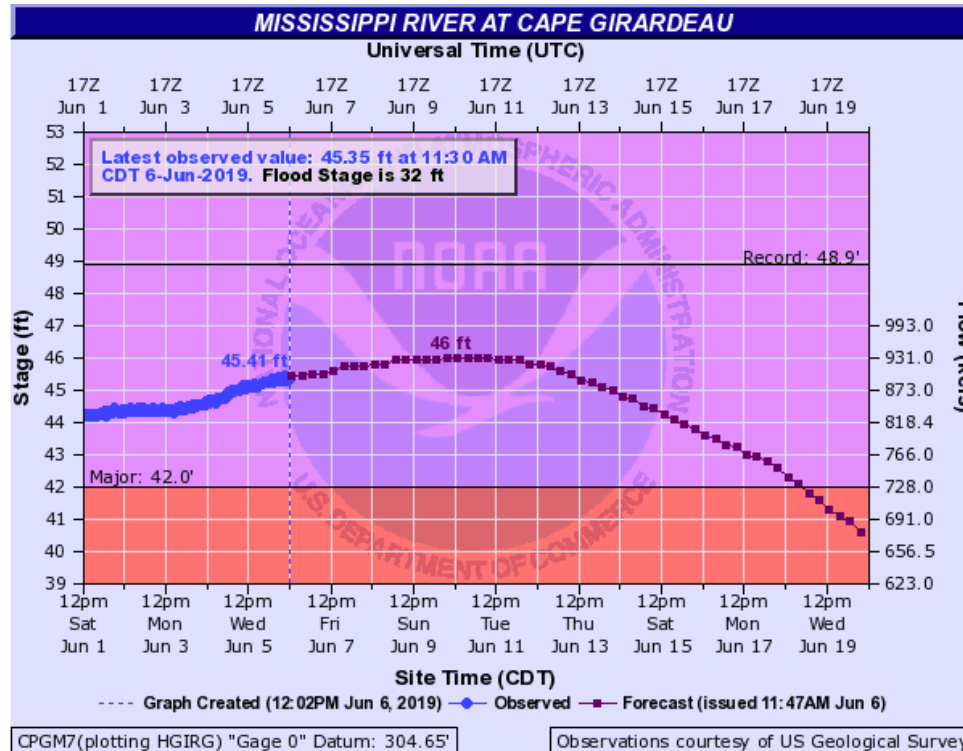


- The Mississippi River at St. Louis is in major flood stage at 45.07 feet and is forecast to crest in major flood stage at 46.0 feet over the weekend.
- Moderate flood stage at St. Louis occurs at 35.0 feet, and major flood stage occurs at 40.0 feet.
- Navigation is affected at these levels.
- [Flood impacts at St. Louis](#)





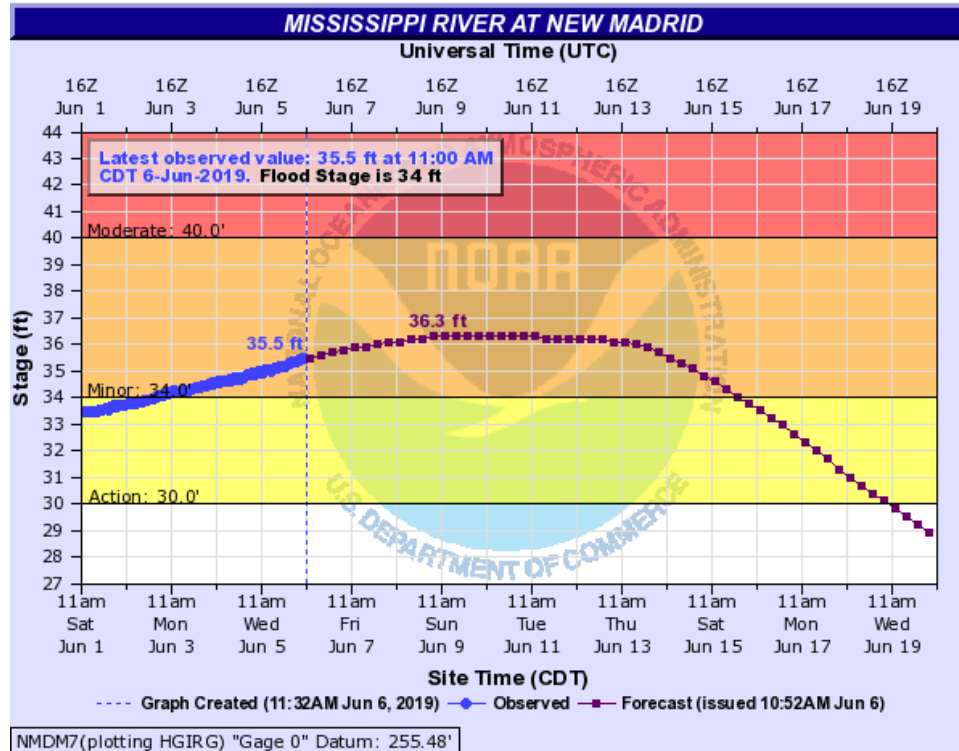
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- The Mississippi River at Cape Girardeau is in major flood stage at 45.41 feet and is forecast to crest at 46 feet over the weekend.
- Moderate flood stage at Cape Girardeau occurs at 37.0 feet, and major flood stage occurs at 42.0 feet. The previous record is 48.9 feet.
- [Flood impacts at Cape Girardeau](#)



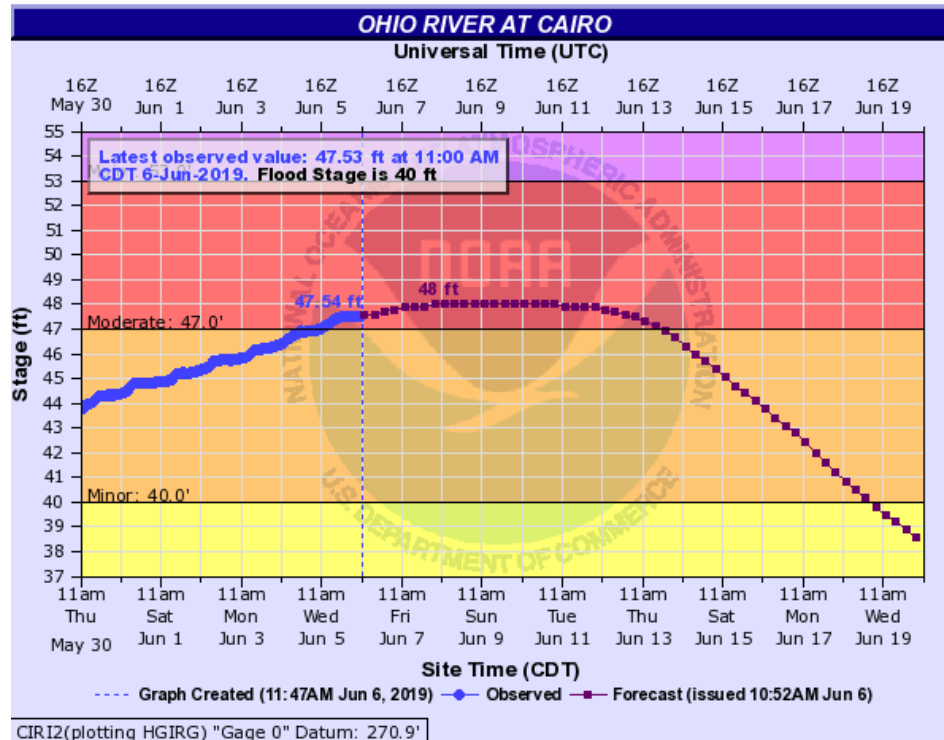
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- The Mississippi River at New Madrid has risen to minor flood stage and is forecast to crest at 36 feet next week.
- [Flood impacts at New Madrid](#)



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- The Ohio River at Cairo is currently in moderate flood stage at and is forecast to begin cresting at 48 feet next week.

# Resources for Further Information

- Department of Natural Resources Flood Page:  
<https://dnr.mo.gov/flood>
- National Weather Service – Mississippi River Flooding:  
<https://www.weather.gov/dvn/MississippiRiverOutlook>
- National Weather Service – River Forecasts, Missouri Basin:  
[https://www.weather.gov/dvn/River\\_Levels#Top](https://www.weather.gov/dvn/River_Levels#Top)
- Missouri Water Resources Center – Mississippi River Informational Page: [https://dnr.mo.gov/geology/wrc/interstate-waters/mississippi\\_river.htm](https://dnr.mo.gov/geology/wrc/interstate-waters/mississippi_river.htm)